

Beissbarth's new Touchless

The future Concept



- Fast
- Precise
- Profitable

BEISSBARTH

Beissbarth's new Touchless.

Touch me.
Join me.

Non-contact wheel alignment within seconds.

- Stereo cameras, innovative laser projectors, and multi-level image processing algorithms allow precise measurements without the use of targets or electronics on the tyre or rim



Highly accurate 4 wheel simultaneous measurement.

- 4 sensor heads measure 4 wheels simultaneously generating highly precise and live results. No need for robots tediously moving back and forth

The future Concept.

Perfect for use in the reception lane.

- The innovative measuring technique creates a vibration tolerant and mobile measurement system – easy positioning without time-consuming adjustment

Drive in



Drive in with vehicle for automatic run-out compensation

Exceptional ambient light tolerance.

- Thousands of laser point projections ensure high reliability, even in bright work environments. Touchless can easily be used in all workshop areas

High-speed diagnosis, even when driving through.

- The high image rate enables measurements within seconds when passing between sensor heads, without having to leave the vehicle



The best non-contact aligner.

- By measuring all 4 wheels live and simultaneously, Touchless is more precise than non-contact aligners with 2-wheel measurement.
- Touchless achieves an exceptionally high ambient light tolerance through its laser projectors, while complying with the highest safety standards
- As there are no rail or fixed lift-robot combinations required, Touchless is fully mobile.
- Touchless can therefore be used in various areas (floor mounting, lift, working pit)

Measure



Simultaneous measurement on all 4 wheels within seconds

Better than CCD and 3D aligner.

- With Touchless, wheel alignment becomes easier, faster, and without mechanical tolerances, as there is no need to attach clamps and other electronics that could damage the rims
- In addition, Touchless is a highly efficient reception lane device.

Done

The screenshot shows a detailed data table of the alignment results. The table is organized into sections for 'Steering' and 'Suspension' for both front and rear axles. Each section lists various parameters such as 'Steering angle', 'Camber', 'Caster', 'Toe', 'Sway bar', and 'Sway bar offset'. The 'Steering' section includes 'Steering angle' and 'Steering axis angle'. The 'Suspension' section includes 'Camber', 'Caster', 'Toe', 'Sway bar', and 'Sway bar offset'. The table also shows 'Target' and 'Actual' values for each parameter. The software logo 'BEISSBARTH' is visible in the top right corner.

Parameter	Target	Actual
Steering angle	0°	0°
Steering axis angle	0°	0°
Camber	0°	0°
Caster	0°	0°
Toe	0°	0°
Sway bar	0°	0°
Sway bar offset	0°	0°

First measurement results are available at service reception

The future Workshop Reception Lane:

Increases Sales and Profit.

First-time combination of brake test lane, wheel alignment, and ECU Diagnosis in one workshop reception lane.



Brake test lane

- The new brake tester BD 640 Connect, with its automatic all-wheel drive detection and suspension tester grants a fast and easy check of the vehicle's brake efficiency, suspension balance, and damping ratio
- This allows the sales for replacement of brake and damping components to grow

Wheel alignment

- The integration of the wheel alignment in the reception lane enables additional sales opportunities
- Welcome your customer with a cup of coffee and first measurements results to recommend alignments
- Additional vehicle alignments will directly increase sales revenue

ECU Diagnosis

- The multifunctional diagnostics station CAS[Plus] in the workshop reception analyses braking systems, ABS and ESP functionality, wheel speed and system pressure sensors with the diagnostics tester KTS 540
- Test & Reset the steering-angle sensor via KTS 540
- Every workshop can now offer additional services, repairs, or maintenance work

Optimize your Business Model with Touchless high-speed diagnosis.

Generate additional Sales easily.

OEM authorised workshops, independent workshops, testing organisations, tyre shops, and fast fitters can increase their efficiency and profits through Touchless fast and high precision diagnosis

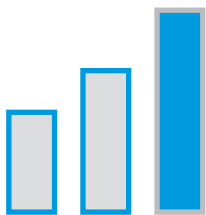
In the end, Touchless serves the ultimate purpose of every workshop:

more satisfied customers.



Vehicle arrives.

High-speed diagnosis in the vehicle reception lane



Higher Sales



Results ready at reception.

Precise measurement results for a professional consultation



Higher Efficiency



Customer order.

Additional sales of wheel alignments



Higher Profits



Fast & precise alignment.

Easier and faster than CCD and 3D aligners



More satisfied customers

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